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MEETING NOTES

TO: Distribution DATE: September 27, 1994
FROM: Philip Nixon PROJECT: Solar Pond IM/IRA
MEMO #: SP307 092894 01

ATTENDANCE:

DISTRIBUTION:

Phil Nixon
Harlen Ainscough, CDPHE
Shaleigh Whitesell, PRC
Andy Ledford, EG&G
Scott Surovchak, DOE
Steve Howard, DOE/SAIC

Randy Ogg, EG&G
Mark Austin, EG&G
Michelle McKee, EG&G
Steve Keith, EG&G
Steve Cooke, EG&G
Tom Forbes, EG&G
R Popish EG&G (Admin
Record) (2)
Arturo Duran, EPA
Frazer Lockhart, DOE
Jeff Ciocco, DOE
Jesse Roberson, DOE
Bob Siegrist, LATO
Alan McGregor, ERM
John Haasbeek, ERM
Marcia Dibiasi, IGO
L Benson
P Breen

B Cropper
K Cutter
W Edmonson
T Evans
H Heidkamp
R Henry
M Hill
P Holland
S Hughes
R McConn
D Myers
A Putinsky
R Stegen
S Stenseng
R Schmiermund
B Glenn
R Wilkinson
T Kuykendall
Central Files

SUBJECT: Weekly Status Meeting

1) Review of Previous Meeting Minutes

There were no comments on the previous week's meeting minutes. Therefore, the draft minutes will be signed and issued formally at the next team meeting.

2) Planning/Negotiating Revised IAG Milestones

Andy Ledford presented a tentative summary of new potential IAG milestones. He stated that the detailed schedule includes the incorporation of sludge and pondcrete. The revised schedule is based on the following assumptions:

- a The volume of sludge and pondcrete exceeds 13,000 cubic yards. Therefore, the footprint of the engineered cover will need to change.
- b Building 964 will be removed to provide additional area for the engineered cover.
- c Building 964 debris will be decontaminated if possible and disposed as scrap. If decontamination is not possible, then the debris will be disposed beneath the engineered cover.
- d Storage space for the waste within Building 964 will be available at the RFETS.
- e SEP 207-C is intended to be clean closed.
- f Regulatory Agency Review of the Title II design package will commence after the review of the IM/IRA-EA Decision Document is complete.
- g The IM/IRA-EA Decision Document will have less than a 40 percent design for the sludge and pondcrete treatment. The DOE does not wish to hold up the public review of the document based on waiting to finalize the sludge dewatering process.
- h The IM/IRA-EA Decision Document will request temporary units under the CAMU regulation for the treatment of sludge and pondcrete.
- i A new model will be discussed in the IM/IRA that will be used to "engineer" the consolidated waste forms. The model, VS2DT, will be used to help determine the physical parameters that are acceptable for obtaining compaction (mix ratios of soils with liners, sludge, and pondcrete). In addition, the model will be used to verify the results of the more simplistic VLEACH model. The results of the model will be completed for the Title II design package (and public comment period). The IM/IRA-EA DD will include the rationale and modeling approach.

Mr Ledford indicated that the DOE wants to submit the proposed IM/IRA-EA Decision Document for public review by mid-December

Harlen Ainscough stated that the schedule milestones may have to be extended for the preparation and review of the actual Class 3 RCRA Permit modification. Mr Ainscough indicated that the DOE could submit a Class 3 Permit modification request, or the CDPHE could initiate a permit modification. Harlen Ainscough reported that the Class 3 Permit modification would need detailed design information to gain CDPHE approval. It was discussed that the 40% conceptual design information in the IM/IRA may be an adequate level of detail.

Mr Ainscough specified that the Class 3 Permit modification also required public review and comment. Andy Ledford indicated that the IAG and the original milestone schedule negotiated with CDPHE and EPA did not include an activity or duration for a separate review period for a permit. The IM/IRA-EA Decision Document was intended to be the permit mechanism. Steve Howard indicated that a Class 3 Permit modification does not have an established duration for the agency review and comment/approval cycle. Mr Howard suggested that DOE submit the IM/IRA-EA Decision Document as the Class 3 Permit modification for agency/public review. The CDPHE would not be expected to approve the document until after public comments have been received, and after the Title II design package has been submitted. It was agreed that the DOE and CDPHE would strategize the permitting issue internally and discuss the issue at the next meeting. Harlen Ainscough added that CDPHE would not be able to issue support for the CAMU designation concurrently with the IM/IRA-EA Decision Document. Andy Ledford concluded the discussion saying that the IAG milestones could not be finalized until the permit issue was resolved.

3) Submittal of Technical Synopses

Andy Ledford presented to CDPHE and EPA a technical synopsis of the changes that would be made to Part III of the IM/IRA-EA Decision Document to incorporate sludge, and the changes that would be made to Part IV. The reports were informally submitted for agency information so they would be cognizant of the changes that would be forthcoming in the IM/IRA-EA Decision Document. Comments will be accepted and incorporated into the IM/IRA-EA Decision Document without a formal comment response document. It was noted that the data from the technical synopsis would be integrated into various sections of the IM/IRA-EA Decision Document. The DOE will also submit a technical synopsis on the new vadose zone modeling approach in 3 or 4 weeks. Comments on the first two documents are requested within 3 weeks (October 18, 1994).

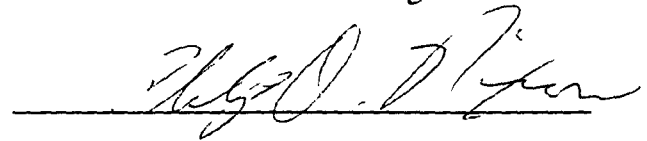
4) Annexation of IHSS 176 by OU4

Andy Ledford reported that EG&G was still searching for a location to store the waste that is currently contained in Building 964. Surface soil sampling has been completed to characterize the soils. The results have been logged into the RFETS RFEDS data base. The data base will

be provided to ES for posting onsite maps This will allow the nature and extent of the contamination (if any) to be depicted graphically

5) Other Issues

Harlen Ainscough stated that the Colorado Part 2 Siting Requirements for a Hazardous Waste Landfill have been incorporated into the CAMU regulation The Part 2 requirements specify that a subsurface liner be installed The OU4 design is not in compliance with this Phil Nixon stated that the subsurface drain is considered to be an equivalent component which is expected to remain functional for a 1,000-year period Harlen Ainscough indicated that he is requesting that the CDPHE permit writers modify the requirement to state that a liner may be required "if necessary " This is an open issue that will be discussed at the next team meeting

A handwritten signature in dark ink, appearing to read "Philip A. Nixon", is written over a horizontal line.

Philip A Nixon